



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Hao et al.

Confirmation No.:

Application No.: 09/847,390

Examiner: Channavajjala

Filing Date: May 2, 2001

Group Art Unit: 2177

Title: Method and System for Web-Based Visualization of Directed Association and Frequent Item Sets in Large Volumes of Transaction Data

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OCT 29 2003

Technology Center 2100

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- (X) under 37 CFR 1.97 (c) together with either a:
() Statement under 37 CFR 1.97(e), or
(X) a \$180.00 fee under 37 CFR 1.17(p), or
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(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

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Typed Name: Tracey M. Dotter

Signature: Tracey M. Dotter

Respectfully submitted,

Hao et al.

By

LeRoy D. Maunu

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Reg. No. 35,274

Date: Oct. 21, 2003

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10/29/2003 CHNGUYEN

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HEWLETT-PACKARD COMPANY
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Fort Collins, Colorado 80527-2400



PATENT APPLICATION

ATTORNEY DOCKET NO. 10003407-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ming C. Hao, Umeshwar Dayal, Meichun Hsu, Markus Gross Thomas Sprenger

Serial No.:

Examiner:

Filing Date: May 2, 2001

Group Art Unit:

Title: METHOD AND SYSTEM FOR WEB-BASED VISUALIZATION OF DIRECTED ASSOCIATION
AND FREQUENT ITEM SETS IN LARGE VOLUMES OF TRANSACTION DATA

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Respectfully submitted,

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By

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Attorney/Agent for Applicant(s)
Reg. No. 39,711

Date: May 2, 2001